iStarUSA™

# BPU-2535

# 2.5” SATA I/II Hot-Swap Internal Cage

## User’s Manual

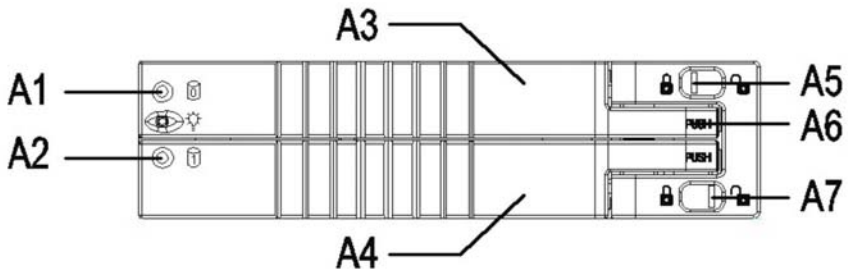
## Introduction

**BPU-2535 internal drive cage is a compact and cost effective solution for an internal 3.5” drive cage with two 2.5” drive bays. It provides an extra storage within a compact design to satisfy many application needs. BPU-2535 is constructed of aluminum material that provides best heat dissipation required for high performance 2.5" laptop SATA drives. With mirroring technique (RAID 1), BPU-2535 is able to maintain data in two disk drives simultaneously, which provides extra protection on critical data backup.**

## Features

- **Aluminum Frame**
- **Hard Drive Interface: SATA I/II**
- **Form Factor: 1 x 3.5” Bay for 2 x 2.5” Hard Disk Drives**
- **High Performance Transfer Rate up to 3.0 Gbps**
- **Support RAID 0 and 1 Functions (need an additional RAID controller)**
- **Point to Point, Free from Master/ Slave Setting**
- **With one 4Pin Power and two 7Pin Signal Connectors**
- **Energy Saving on Using 2.5” HDDs or SSD**
- **LED Indicators for Power & HDD access**
- **Dimensions (W x H x D): 101 x 25 x 146 mm (same as a standard 3.5” bay)**
- **Weight : 0.6 lbs**

- **Front Panel (picture A)**




**Picture A**

**A1: HDD 0 Access & Failure LED (Green: HDD-0 working. Red: HDD-0 failed)**

**A2: HDD 1 Access & Failure LED (Green: HDD-1 working. Red: HDD-1 failed)**

**A3: Upper cover & HDD extractor**

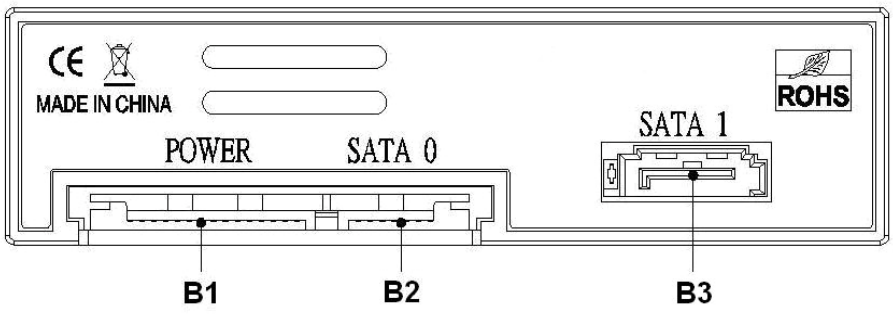
**A4: Lower cover & HDD extractor**

**A5: Upper HDD Safety Lock (Push right to open & push left to lock)**

**A6: Push the rise high position to open the upper & lower cover**

**A7: Lower HDD Safety Lock (Push right to open & push left to lock)**

- **Backplane (picture B)**



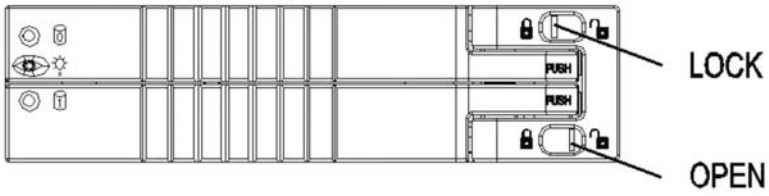

**Picture B**

**B1: SATA 15pin power connector**

**B2: SATA 7pin data connector for HDD 0**

**B3: SATA 7pin data connector for HDD 1**

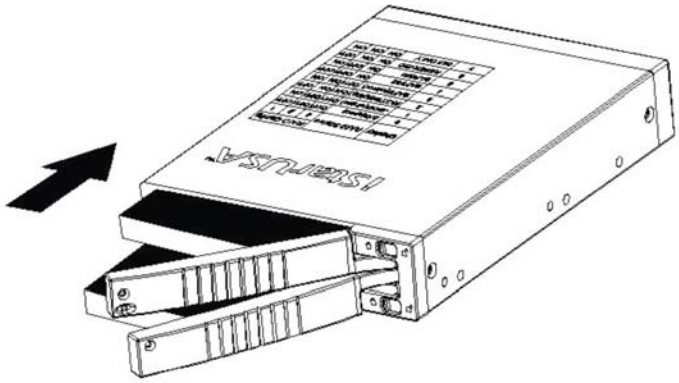
- **Safety Lock (picture C)**




**Picture C**

**Upper HDD Safety Lock & Lower HDD Safety Lock. (push right to open & push left to lock)**

- **HDD Installation (picture D)**



**Picture D**

**Open the upper & lower cover and put the HDDs inside the cage. You can install one HDD or two HDDs.**

- **Hardware Installation Procedures**

**Please follow the following procedures to complete the hardware installation:**

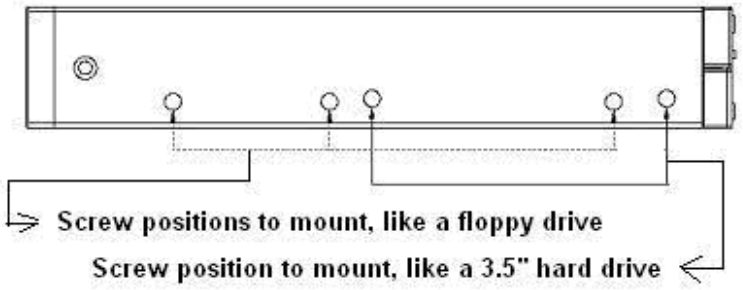
**a) Open the package and take out the product and make sure the product is brand new and all the necessary parts are included.**

**b) Unlock the upper and lower covers (see picture C), push the lock rightward and open the two covers, and then put the two 2.5" SATA HDDs inside the cage (see picture D).**

**c) After both HDDs are installed, push both covers back, and then push the lock button leftward to lock both covers and secure the HDDs inside.**

**d) Mount the BPU-2535 onto a 3.5” drive bay using the included screws, and make sure all the cables are connected properly. And now it is ready for use.**

**e) See the drawing of mounting BPU-2535 onto the device (see picture E)**

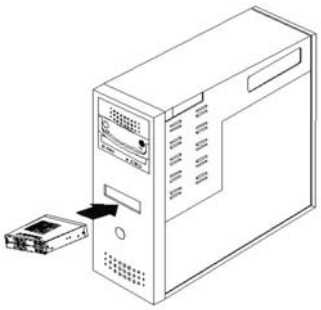



**Picture E**

**f) There are two ways to mount the BPU-2535 onto the device:**

**Mount BPU-2535 onto the floppy drive bay (see picture F)**

**Mount BPU-2535 inside the case (see picture G)**



**Picture F**

**Picture G**